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PubMed Search Tips

Kate Krause

The University of Texas MD Anderson Cancer Center

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PubMed Search Tips

PubMed doesn't search the full-text of the articles! It only searches words in the records:

TITLE	Anticancer Res. 2017 Sep;37(9):5079-5085.
AUTHORS	MRI and Ultrasound Fusion Imaging for Cervical Cancer.
ABSTRACT	Théodore C ¹ , Levaillant JM ^{1,2} , Capmas P ² , Chabi N ³ , Skalli D ¹ , Vignet-Lequé L ¹ , Haddad B ¹ Abstract BACKGROUND: Evaluating locoregional extension of cervical cancer is a key step in patient management. This study evaluated the feasibility of fusion imaging - a combination of magnetic resonance imaging (MRI) with real-time high-resolution ultrasound (US) - to diagnose cervical cancer and its extension. KEYWORDS: Cervical cancer; fusion imaging; parametrial infiltration; pelvic MRI; ultrasound
SUBJECT HEADINGS	MeSH terms <u>Magnetic Resonance Imaging</u> <u>Middle Aged</u> <u>Neoplasm Staging</u> <u>Ultrasonography/methods</u>

Use truncation ***** to get word variations

*psychiatr** (retrieves psychiatry, psychiatrist, psychiatry)

Use **" "** phrase searching to keep words together in a specific order

"salivary gland cancer"

Use **AND OR NOT** to combine terms

neuroblastoma AND spine AND relapse

x-rays OR MRIs OR "CT scans"

leukemia NOT myeloid

Use **()** parentheses to nest terms in logical order: **(A OR B) AND (C OR D)**

Synonyms

"breast cancer" AND ("radiation therapy" OR radiotherapy)

Alternate terms you're interested in

"genetic counseling" AND ("breast cancer" OR melanoma)

Search singular, plural, and British spellings

"pineal tumor" OR "pineal tumors" OR "pineal tumour" OR "pineal tumours"

Search **ALL** possible synonyms

MRI OR "magnetic resonance imaging" OR "magnetic resonance tomography"

Search medical terms, common names, and subject headings

"hepatocellular carcinoma" OR "liver cancer" OR "Liver Neoplasms"[Mesh]

To search by field

To search the title field use **[ti]**

*Neuroblastoma***[ti]**

To search the title and abstract fields use **[tiab]**

*Neuroblastoma***[tiab]**

To narrow by language

*"lung cancer"***[tiab]**

AND

English**[Filter]**

(**English****[Filter]** or **French****[Filter]**)

To narrow by location

*"lung cancer"***[tiab]**

AND

Africa**[Mesh]**

Africa South of the Sahara**[Mesh]**

Americas**[Mesh]**

Asia**[Mesh]**

Zambia**[Mesh]**

To narrow by age

*"lung cancer"***[tiab]** AND

Infant**[Mesh]** {0-2}

Child, Preschool**[Mesh]** {2-5}

Child**[Mesh]** {6-12}

Adolescent**[Mesh]** {13-18}

Young Adult**[Mesh]** {19-24}

Adult**[Mesh]** {19-44}

Middle Aged**[Mesh]** {45-64}

Aged**[Mesh]** {65-79}

To narrow by type of article

*"lung cancer"***[tiab]**

AND

Case-Control Studies**[Mesh]**

Case Reports**[Publication Type]**

Clinical Trial**[Publication Type]**

Cohort Studies**[Mesh]**

Controlled Before-After Studies**[Mesh]**

Cross-Sectional Studies**[Mesh]**

Follow-Up Studies**[Mesh]**

Guideline**[Publication Type]**

Longitudinal Studies**[Mesh]**

Observational Study**[Publication Type]**

Prospective Studies**[Mesh]**

Retrospective Studies**[Mesh]**

Review**[Publication Type]**

Seroepidemiologic Studies**[Mesh]**

Subject Headings [Mesh]

To find the correct subject heading go to: <https://www.ncbi.nlm.nih.gov/mesh>

To search the MeSH subject headings use **[mesh]**
*Neoplasm Staging***[mesh]**

Subject headings versus keywords

Reasons to use Subject Headings [MeSH]	Reasons to use Keywords [TIAB]
Some concepts don't have good keywords. <i>"Employer Health Costs"[Mesh]</i>	Some concepts don't have subject headings. <i>"cancer immunotherapy"[tiab]</i>
Subject headings try to retrieve ALL the records on a topic no matter which words actually appear in the titles and abstracts. <i>"Myocardial Infarction"[Mesh]</i> retrieves all the records with the words <i>heart attack, cardiac arrest.</i>	New articles may take up to a year to get subject headings assigned to them. Search Keywords as well:
Subject headings can automatically retrieve narrower subject headings in the hierarchical structure: <i>Breast Neoplasms[Mesh]</i> retrieves: <i>Breast Carcinoma In Situ</i> <i>Breast Neoplasms, Male</i> <i>Carcinoma, Ductal, Breast</i> <i>Carcinoma, Lobular</i> <i>Hereditary Breast and Ovarian Cancer Syndrome</i> <i>Inflammatory Breast Neoplasms</i> <i>Triple Negative Breast Neoplasms</i> <i>Unilateral Breast Neoplasms</i>	Keyword searching only retrieves the exact term you type in. <i>"Breast Cancer"[tiab]</i> will NOT retrieve <i>"Breast Neoplasms"</i> <i>"Cancer of the Breast"</i> <i>"Cancerous Breast Tumors"</i> <i>"Lobular Carcinoma"</i>

To be comprehensive, search both subject headings and keywords at the same time:

"Brain Neoplasms"[Mesh] OR ("brain cancer"[tiab] OR "brain carcinoma"[tiab] OR "brain tumor"[tiab] OR glioma[tiab])